

APPLICANT(S): KINGSLEY, Simon Philip et al.  
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#### **AMENDMENTS TO THE DRAWINGS**

The attached sheet of drawings includes changes to Figures 1, 2a, 2b and 2c. This sheet, which includes Figures 1, 2a, 2b and 2c, replaces the original sheet including Figures 1, 2a, 2b and 2c. In Figures 1, 2a, 2b and 2c, a legend –Prior Art– was added in compliance with 37 CFR 1.121(d).

Attachment: Replacement Sheet

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#### **REMARKS**

The present Response is intended to be fully responsive to all points of objection and/or rejection raised by the Examiner and is believed to place the application in condition for allowance. Applicants assert that the present invention is new, non-obvious and useful. Favorable reconsideration and allowance of the application is respectfully requested.

#### **Status of Claims**

Claims 1-30 are pending in the application. Claims 1-19 and 28-30 are allowed. Claims 20-26 have been rejected. Claim 27 has been objected to. Claims 20 and 27 have been amended.

New claim 31 has been added in order to further define what the Applicants consider to be the invention. Applicants respectfully assert that no new matter has been added.

Claims 24 and 25 have been cancelled. In making this cancellation without prejudice, Applicants reserve all rights in this claim to file divisional and/or continuation patent applications.

Applicants respectfully assert that the amendments to the claims add no new matter.

#### **Allowable Subject Matter**

Applicants wish to thank the Examiner for allowing claims 1-19 and 28-30.

In the Office Action, the Examiner stated that claim 27 would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Claim 27 has been rewritten in independent form including all the limitations of the base claim and any intervening claims. Therefore, claim 27 is allowable.

#### **Remarks to the Drawings**

In the Office Action, the Examiner stated that Figs. 1, 2a, 2b and 2c should be designated by a legend such as --Prior Art--. Figs. 1, 2a, 2b and 2c have been amended to

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include a legend –Prior Art– in compliance with 37 CFR 1.121(d). The entire drawing sheet containing each corrected drawing is enclosed for review by the Examiner.

### **CLAIM REJECTIONS**

#### **35 U.S.C. § 102(a) Rejection Based on Mongia**

In the Office Action, the Examiner rejected claims 20-26 under 35 U.S.C. § 102(b), as being anticipated by a paper to Mongia et al. ("Mongia"), titled "Theoretical and Experimental Investigations on Rectangular Dielectric Resonator Antennas". Applicants respectfully traverse these rejections of claims 20-26 under 35 U.S.C. § 102(b), as being anticipated by Mongia in view of the remarks that follow.

Applicants' independent claim 20 as amended requires that, inter alia, "substantially all of the longitudinal planar surface of the dielectric resonator is provided with a conductive layer". Mongia does not disclose that "substantially all of the longitudinal planar surface of the dielectric resonator is provided with a conductive layer" as is required in Applicants' independent claim 20, as amended.

In order for a reference to anticipate a claim under 35 U.S.C. 102(b), the reference must teach every element of the claim. Applicants assert that Mongia does not teach every element of Applicants' independent claim 20 as amended. Applicants therefore assert that independent claim 20 as amended is allowable over Mongia.

Each of dependent claims 21-23 and 26 depend directly or indirectly from independent claim 20, include all of the elements of the claim from which they depend, and are therefore likewise allowable. Claims 24 and 25 have been cancelled, and therefore the rejection of these claims is moot.

Therefore, Applicants respectfully request that the Examiner withdraw the rejection of claims 20-26 under 35 U.S.C. § 102(b), as being anticipated by Mongia.

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#### New Claim

Applicants have added claim 31 to clarify an embodiment of Applicants' invention. Applicants' independent claim 31, requires that, inter alia, "only a part of the longitudinal planar surface of the dielectric resonator that contacts the direct microstrip feedline is provided with a conductive layer " None of the prior art of record alone or in combination teaches this limitation. Applicants assert that new claim 31 is allowable.

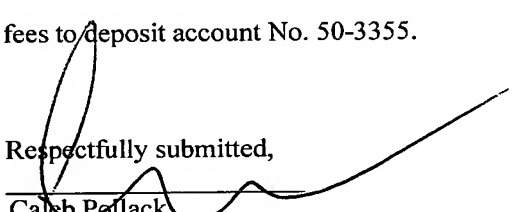
#### Conclusion

In view of the foregoing amendments and remarks, the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

Should the Examiner have any question or comment as to the form, content or entry of this Response, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge the \$200.00 for the two (2) new independent claims to deposit account No. 50-3355. No additional fees are believed to be due associated with this paper. However, if any such fees are due, please charge such fees to deposit account No. 50-3355.

Respectfully submitted,

  
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